Approved For Release 2002/10/16 CA-RDP63-00313A000500030028-4

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NRO REVIEW COMPLETED

19 Koyamar 1962

ALTERATION FOR I The Boomi

CONTROL OF

NRO

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: CACAST ancine Celivery datus and ferformence Laurorecevite

deted 19 Bownsber 1942, titled "Twilnities - Wain Control 3 and 3 Milet int import

1. Attention lists the contractor's current on the delivery estimates as presented on 14 Reventor 1962 resulting from main mentral delivery problems described in reference exempedes. The contractor now estimates that nim angless will be delivered by 31 lacoster 1962 instead of the fourteen engines

lendofor forecat.

2. As of this date a total of six welcos have been delivered with the 7th engine through final test and boing prepared for chipment.

- 3. The Sth delivery curine was shipped 13 Ecouper 1992 before fine! acceptance test with a most-up control for fitting to simpless number 125 In Durbank. This engine which must be returned to Hartford for final test to not included therefore in the nine engine delivery estimate for 31 December 1962. This estimate includes engines 201 through 210 less 208.
- L. Inches 205 and 202 which were returned to Hartford for a mount obsect to accompdate strings meally structural medification will receive other updating engineering changes including cale and efterburser feel control overhead to the ! or Such 2 configuration. Three outlines are scheduled by the contractor for redelivery in Japany and Pebruary 1965 respectively. Control reserts to the pecing fiers.
- 5. The following performance improvement changes are now schooled by the contractor at follows:
 - (a) The "ME afternumer package" is scheduled for production incorporation into angles 209 in Decreter 1962. (Two flight test "THE rectains" are available for selected now with the first scheduled for elvlin 20 Horsetor 1362.)

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(b) Additional pas generator improvement charges involving compressor and turbine efficiency, berner can present loss, and turbine falst profile are esheduled for production incorporation into delivery engine 219 in Perch 1963 pending favorable development tout evaluation on engine 30-1-3 scheduled for 15 besseber 1962. These improvements together with the "ICK afterburner" are expected by the contractor to yield a thrust of 1.55 belowspecification at specific fuel encounting of from 1.5 to 125 sky of specification at 19.2 at 90.000 ft. Altitude for maximum thrust conditions. Solve 956 of maximum thrust, specific fuel consemption is expected to closely approach apscification.

A part of these cas generator improvements to achieved for production incorporation into delivery segine 215 in February 1962.

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Attachment:

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TELES METERS (TROUBLE STRUCT)

A OF LA BRIDGE 1962

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